

## DAT Conference Call Summary 12/02/2008

Participants: SGreene(DWR), CStroble(DWR), JOber(DWR), NHindman(FWS), MFord(DWR), AChu(DWR), FCarillo(FWS), JSnow(WL), LBarteau(FWS), TMorsteinMarx(BR), LShih(CCWD), PBrandes(FWS), LKimm(KCWA), JAdib-Samii(DFG), GAasen(DFG)

### Recommendations and Conclusions

The November Fall Midwater Trawl and data analysis was completed. The November delta smelt index was 12, and the longfin smelt index was 43.

**Next DAT Conference Call Tuesday, 12/9/08, 9 am - 11 am. 916/657-4111.**

### Chinook Monitoring

Upper Sacramento River

Red Bluff Diversion Dam – The older juvenile Chinook passages were lower; winter run was 1,117/day, and Late-fall was 161/day. The younger juvenile Chinook passage was higher; spring run was 646 (fall run was 0 because, technically, the broodyear ended 11/30). Steelhead passage was 34/day.

Red Bluff flow is 4,652 cfs.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at [http://baydelta.ca.gov/Php/Special\\_Reports/red\\_bluff.php](http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php)

Mill Creek –

Deer Creek – DFG is installed, but not operating because the flows are too low.

Butte Creek – no update

GCID – Older juvenile catch averaged 34/day and ranged from 14 to 62. Young of the year catch averaged about 1/day.

Knights Landing – No salmon over the last two weeks.

### Delta Monitoring the last two weeks

In the last two weeks no juvenile Chinook were caught in the lower rivers, Delta or Bay. At Chipps Island, 1 splittail, 16 longfin smelt and 1 delta smelt were caught. In the lower Sacramento River, 1 splittail was caught.

### Salvage

1 splittail at the SWP on 11/15 for a salvage of 3; otherwise no other species of special interest.

North Delta Salmon Studies – The USGS is currently on the third set of releases, and the FWS is releasing the DA8 fish concurrently. The USGS is releasing fish at Sacramento, Georgiana Slough and Ryde, whereas the FWS is releasing at Sacramento and Georgiana Slough. More sets of fish will be released Tuesday and Friday. The Night Closure experiment ended earlier than scheduled because of poor water quality conditions. The gates were fully opened 11/26. The current experiments are with the gates open. The gates open experiment is scheduled to continue through 12/12, but the flow at Rio Vista is low, and there may be a need to close the gates to increase flow in the Sacramento River. The preferred option is gates open, and the operators will be monitoring the Rio Vista flow requirement closely.

### Delta Smelt Monitoring

Fall Mid-water Trawl – The November trawl analysis is complete; the November delta smelt index is 12. 1 delta smelt was collected in Suisun Bay, and 9 in the Lower Sacramento River. The average length was 59 mm.

The November longfin smelt index is 43, 28 were collected in Suisun Bay and 8 in the lower Sacramento River. The average length was 71 mm.

The December trawl survey started this week.

### Operations

SWP -

CCFB – 1,500 cfs

Oroville - 950 cfs

X2 - > 81 km  
E/I - 3-day = 26%  
San Luis - ~227 taf, capacity is 1.062 taf

CVP -

Tracy PP - 1,000 cfs increasing to 1,800 cfs Tuesday  
DCC - open since 11/26  
Trinity - 300 cfs  
Clear Creek - 200 cfs  
Keswick - 3750 cfs  
Nimbus - 1,140 cfs  
Goodwin - 250 cfs  
San Luis - 184 taf. Capacity is 966 taf

Flows

Sacramento River at Freeport ~ 7,800 cfs  
San Joaquin River at Vernalis ~ 1,195 cfs  
Rio Vista - 3,556 cfs; 7 day 4,811 cfs  
Delta Outflow ~ 4,733 cfs; 7-day running average  
5,909 cfs

Delta Water Quality

Water quality is above border-line. Jersey Point is increasing which can be a treat to the Rock Sough standard.

December Water Quality Standards -

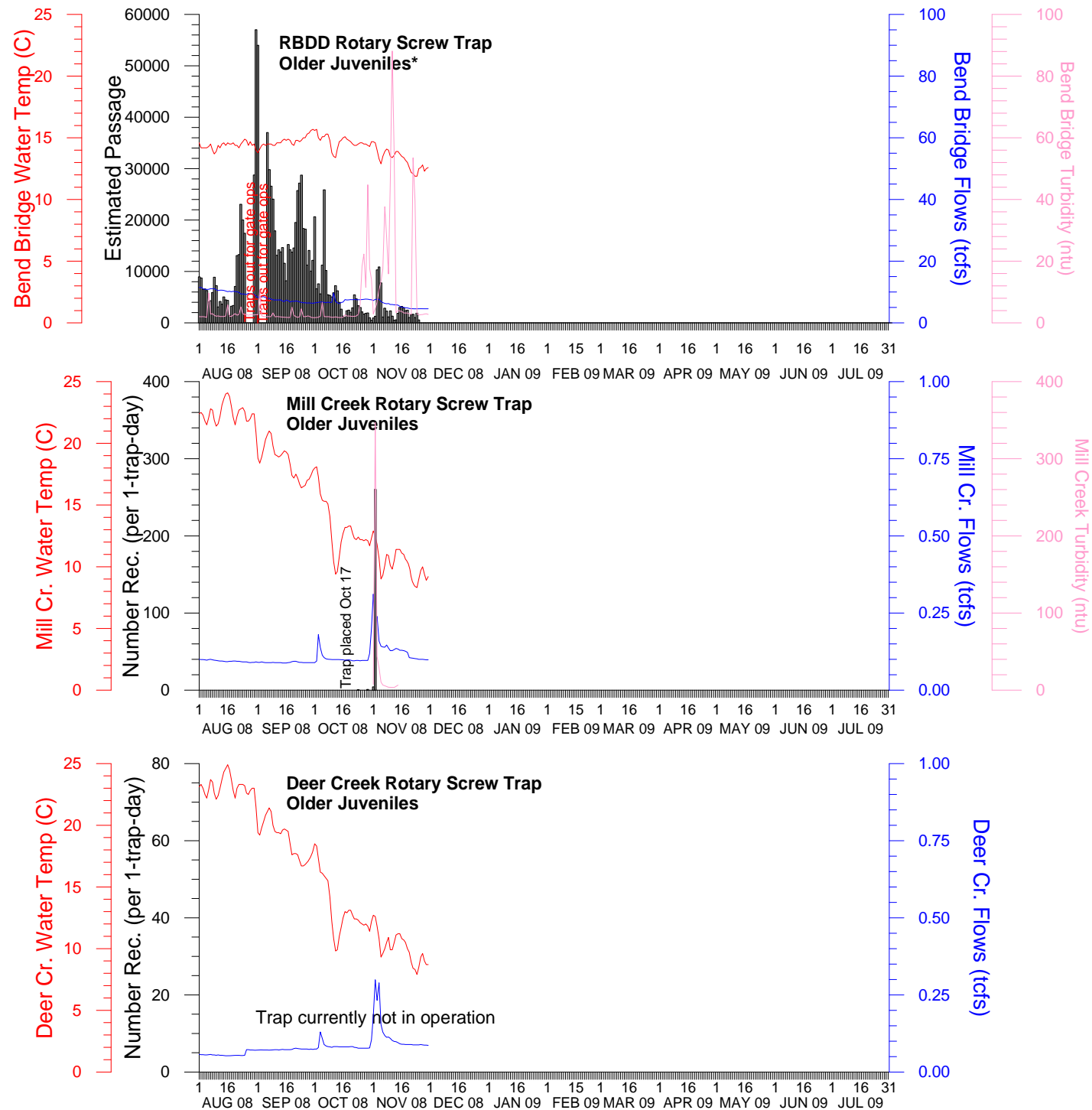
Delta Outflow - monthly average  $\geq 3,500$  cfs, 7-day average  $\geq 2,500$  cfs.  
Rio Vista same as outflow.  
E/I Ratio - 65%  
E/I Ratio - 3-day average = 65%  
Contra Costa Canal - CI  $\leq 250$  mg/L.  
Export Areas for SWP, CVP, CCWD - CI  $\leq 250$  mg/L.  
South Delta - 30-day average EC  $\leq 1.0$   
Western Suisun - EC  $\leq 15.6$ , gates are open  
Delta Cross Channel Gates: For Nov-Jan period gates may be closed for up to total of 45 days.

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# NUMBER OF JUVENILE CHINOOK MEASURED IN THE UPPER SACRAMENTO RIVER & TRIBUTARIES



DWR-DES 1 Dec 2008

Preliminary, subject to revision

\*Older juveniles defined as all Chinook above the minimum winter run length line (Frank Fisher model)

DWR-DES 1 DEC 2008  
Preliminary, subject to revision  
\*Plus counts not included

